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To
cc
Subject

Kimberly Tisa/R1/USEPA/US@EPA

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Supplemental EPA Review Comments

Kim,

The purpose of this e-mail is to document the items discussed during the conference telephone conversation on May 11, 2005 at 2:30 PM with you, Yoon-Jean Choi, Jackie Huggins and me. The supplemental comments were in response to letter dated April 29, 2005 regarding technical design for the engineered cap proposed for the McCoy Field School Site, as originally presented in the Risk-Based Cleanup Request Revision 1, dated May 3, 2005.

1. BETA's response letter to Mr. Choi's April 5, 2005 Memorandum, in the responses to General Comment # 3 and Specific Comment # 5 (1), should clarify that "Engineers" are responsible for directing "excavation, removal, segregation, handling, temporary stockpiling, loading, transportation, and offsite management of the fill layer and unsuitable subgrade soils".
2. Attachment G, Specification 02200, Earthwork, 3.04 Fills, Backfills and Compaction is not clear as to which density test is being performed (sand cone or in-place density). Specify test method and frequency.
3. Provide documentation (test records, approved shop drawings) that contract document specifications have been met to-date.
4. Revise Risk-Based Cleanup Request Rev.1 Section 3.3.1 (Building Footprint) to clarify

that the thickness of the spray-on gas vapor barrier will be 60 mils, and that 80 dry mils will be used only to effect a vapor tight seal at the joint of the adherence geotextile and grade beams/pile caps. The gas vapor barrier (60 dry mil) will then completely cover the joint.

5. Suggest the following revisions to Figure 4:

Extend the geotextile protection course so that it covers the 3" overlap of the gas vapor barrier (60 dry mil) and the grade beam/pile cap.

Correct labeling deficiencies (i.e. In Details 2 and 3, geotextile is not labeled and arrow from compacted fill label is not pointing to the right place).

6. Provide shop drawing or technical datasheet for LBI Technologies Ultrashield G-1000 in Attachment B.

7. Review text of Risk-Based Cleanup Request, the attachments, and figures for consistency, especially with respect to specifications for cap design.

Please call either Jackie or me with any changes to the above. Otherwise, we will prepare a formal response and submit it to you ASAP.

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Associate

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